

GAWEL, Antoni

Trace elements in ashes of asphaltites and of carbonized wood and lignites. Roczn. geol. Krakow 32 no.4:559-564 '62.

1. Department of Mineralogy and Petrography, Jagellonian University, Krakow.

GAWEL, Antoni

Creation of the Carpathian Association and its First Congress in Poland. Roczniki geologiczne Krakow 33 no.1/3:5-10 '63.

1. Katedra Mineralogii i Petrografii, Uniwersytet Jagiellonski, Krakow.

(A)  
00017-66  
ACCESSION NR: AN 5021683 PO/9000/65/000/166/0001/0001

AUTHOR: Gawel, Czeslaw (Lieutenant Colonel)

TITLE: A photograph of one day [Artillery training motion picture] 38  
B

SOURCE: Zolnierz wolnosci, no. 166, 1965, 1, 3

TOPIC TAGS: training procedure, gunnery training, motion picture photography

ABSTRACT: This article presents an eyewitness account of a one-day visit to an artillery range during the filming of a training motion picture. Target practice by an anti-tank artillery battery was filmed according to instructions issued by the Szefostwo Artylerii WP (Staff of the Artillery, WP). Consultant to the film was Lt. Col. K. Grzeszczak who specializes in the psychology of the anti-tank gunner. The film was made under actual conditions with no rehearsals. The soldiers engaged in target practice received no instructions, and began their task after an alarm was sounded, with no breakfast. From the garrison they went in trucks to the firing range several miles away, and it is noted that the distances between the trucks were too long because young, recently trained drivers were too cautious and wanted to keep some distance behind the truck ahead. Some films were taken from aircraft to test the quality of the camouflage. The importance of aerial photography in estimating the quality of camouflage of

Card 1/2

L 00047-66

ACCESSION NR: AN5021683

combat units is noted. Orig. art. has: 3 figures.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: ES, MS

NO REF SOV: 000

OTHER: 000

Card

*re*  
2/2

L 20506-66 - IJP(c) CC  
ACC-NRI AN5022200

(A) SOURCE CODE: FO/9000/65/000/162/0002/0002

AUTHOR: Gawel, C. (Lieutenant Colonel)

ORG: none

TITLE: Infrared night viewer test model

SOURCE: Zolnierz wolnosci, no. 162, 1965, 2

TOPIC TAGS: infrared night viewer, detection equipment, electronic equipment, armed forces, test model

ABSTRACT: The infrared night viewer that became popular several years ago is currently used in the Polish Armed Forces by military drivers and scouts. It is also used as a weapon sight. The night viewer was tested on a model designed by First Lieutenant Bogumil Wilkonski. This model will be tested by various armed force units both indoors and under field conditions and used in training military personnel in the use of the night viewers. Orig. art. has: 1 figure.

SUB CODE: 15, 09 SUBM DATE: none

Card 1/1 LJP

GAWEL, Roman, mgr inz.

Evaluation of the causes of coal crumbling on the way from  
the heading to the railway cars. Przegl gorn 19 no.12:  
486-491 D '63.

GAWEL, Wladyslaw, ins.

Investigation on dedusting in the Cast Iron Foundry of the  
Lenin Iron Works. Przegl odlew ~~IX~~.12:367-370 '61.

GAWEL, Wladyslaw, inz.

Research on improvements of the quality of ingot molds and  
bottom plates. Przegl odlew 12 no.10:310-316 0 '62.



GAWENDA, F.

2441

503.211.100:625.12 5

Niewiadomski H., Gawenda F. Industrial Application of Polymerized Fish Liver Oils.

„Przemysłowe zastosowanie polimeryzacji tranów” (Prace Gł. Inst. Przem. Roln. i Spoż. No. 3), Warszawa, 1932, PWT, 8 pp. 7 tabs.

Polish Technical Abst.  
No. 1 1954  
Chemistry and Chemical Technology

A number of thermal polymerizations of cod liver-oil and herring oil in different gaseous media were carried out, in the presence of or without sulphites. The usefulness of these methods was determined. The effect of certain catalyzers on the rate of the polymerization process was examined, together with the effect of refining on the process and quality of the final product. Investigations into the re-appearance of the cod-liver oil odour in products of polymerization, soaps and textile products washed with them were carried out by means of organoleptic methods. It was proved that 1) temperature is the fundamental factor influencing the rate of the polymerizing process. The optimum temperature range for polymerization in the presence of sodium or potassium sulphites is 230—290°C; 2) the optimum time of polymerization at these temperatures with the addition of sulphites is 5 hours of heating; 3) the gaseous medium is the decisive factor in the appearance of the final product of polymerization; the usefulness of different media in polymerization for the production of soap was as follows: SO<sub>2</sub> obtained from the decomposition of the added sulphite, gaseous SO<sub>2</sub>, CO<sub>2</sub> and air at reduced pressure. 4) the use of salts emitting SO<sub>2</sub> after heating, simplifies the equipment designed for obtaining and conducting gaseous anhydride of sulphurous acid: in the presence of these salts, polymerization takes place in the same way as in a medium of gaseous sulphurous anhydride. Technical sodium sulphite used in amounts of 1% is also convenient for obtaining SO<sub>2</sub>; 5) polymorpha-

tion in the presence of sulphites is also advantageous, since the products of such polymerization give soaps resistant to rancidity; 6) a product of polymerization is considered as stable, when its iodine value is below 95, or  $R_{50}$  is above 75, and when it gives a permanently deodorised soap; 7) losses during polymerization in the presence of sulphites do not exceed 0.6%; 8) the addition of polymerized cod liver oil in quantities of 10% hastens the process; 9) refining does not influence the polymerizing process, but markedly affects the quality of the final product; 10) no re-appearance of the cod liver oil odour or in other words depolymerization, was found in either the products of polymerization or in the soaps produced from them and considered as deodorised, or in textile products washed with these soaps. Neither reducers nor oxidizers cause the reappearance of this odour.

8-30-54  
JHP

GAWCNDAP

POL.

3315

005.1 : 338 : 858.5

Gawcenda E., Niewiadomski H. Elaboration of Methods of Suitable Utilization of Waste Fats from Slaughterhouse, Tannery and Sewage.

„Opracowanie metod właściwego wykorzystania tłuszczów odpadowych utylizacyjnych, karnalowych i pogarbarzykłych”. (Prace Gl. Inst. Przem. Roln. i Społ. No. 3), Warszawa, 1954, PWT, 5 pp., 4 tabs.

Three kinds of waste fats were examined — from slaughterhouse, tannery and sewage — with a view to utilizing them as a substance auxiliary to the basis in soap production. It was noted that such fats could be made suitable for this purpose, provided that the following are performed: 1) clarification of fat to remove its mechanical impurities; 2) refining the fats with sulphuric acid; 3) subjecting the fats to the blowing process at a temperature of 180--190°C with water vapour overheated up to 300°C; the process should be continued until malodorous vapours are no longer given off and until the test sample taken from the fat is neutral by smell.

GAWENDA, F.

V Suitable methods to work up slaughterhouse, sewage, and tannery fats. F. Gawenda and H. Niewiadomski (Zakład Tłuszczów ~~GTPRIS~~ Gdansk, Poland). *Prace CH Głównego Inst. Przemysłu Rolnego i Spożywczego* 3, No. 3, 35-8 (1964).—A slaughterhouse, a sewage, and a tannery fat, which analyzed, resp.,  $H_2O$  0.2, 0.1, 0.8, ash 0.43, 0.37, 0.70%, setting point 34.0, 40.0, 43.0°, acid no. 33.2, 22.7, 43.2, iodine no. (Hanus) 63.8, 63.2, 62.5, sapon. no. 188.0, 189.5, 189.5, unsaponifiable-insol. in ether 1.2, 2.1, 3.2, unsaponifiable-sol. in ether 0.3, 0.3, 0.6, N 0.3, 0.08, 0.07%. were refined on a semitech. scale. The expts. led to the following recommendations: Filter the fat, preferably with some filter aids; and acid refine (2 kg. fat is stirred at 60 r.p.m. and at 60°, add 360 g.  $H_2SO_4$  in the course of 2 hrs.), and steam deodorize with the fat at 190-190°, and the steam at 341-325°, for 2.5-3 hrs. with 0.5 kg. steam per kg. fat. The refined fat is suitable for making soap. W. J.

①

GAWENDA, F.

POLAND / Chemical Technology. Chemical Products and  
Their Application. Water Treatment. Sewage. H

Abs Jour: Ref Zhur-Khimiya, No 12, 1959, 42758.

Author : Gawenda F.

Inst : ~~Not~~ given.

Title : Method of Determining Hardness of Boiler Feed Water.

Orig Pub: Techn. i gospod. morska, 1958, 8, No 1, 12-14.

Abstract: A method of complexometrical determination is described. -- O. Lenchevskiy.

Card 1/1

H-9

GAWENDA, Franciszek, mgr inż.

<sup>1</sup> Protection of spare engines, devices, instruments, and equipment of the ship against corrosion. Bud okrętów Warszawa 9 no. 9: 324-326 S '64.

1. Central Ship Design Office No. 1, Gdansk.

GAWENDA, I.; KURYLOWICZ, W.; WOZNICKA, W.

Comparison of biologic methods of penicillin determination. Med.  
dosw.mikrob. 2 no.2:173-175 1950. (CJML 20:6)

1. Summary of report given at 10th Congress of the Polish Micro-  
biological and Epidemiological Society held in Gdansk, Sept. 1949.  
(Warsaw.)

GAWENDA-DZIERZYNSKA, I.

~~Penetration of penicillin into the cerebrospinal fluid.~~  
Med. dosw. mikrob. 3 no.1:109-120 1951. (CML 20:11)

1. Of the National Institute of Hygiene and of the National  
Institute of Dermatology and Venereology in Warsaw.



BORENSZTAJN, D; GAWENDA-DZIERZYNSKA, I; KORZYBSKI, T; KOWSZYK, Z; KURYLOWICZ,  
W; NIEDZWIECKA-PRZASKOWSKA, I.

Properties of nonspecific penicillin manufactured in Poland.  
Polski tygod. lek. 7 no.7-8:177-181 18 Feb 1952, (CML 22:2)

1. Of the National Institute of Hygiene in Warsaw.

GAWENDA-DZIERZYNSKA, I.

Effect of variability of standard bacterial strains on results of penicillin assay. Med. dosw. mikrob. 5 no.2:177-182 1953. (CML 25:1)

1. Of the State Institute of Hygiene in Warsaw.

GAWENDA-DZIERZYNSKA, Irena; POLAK, Teodor

Clinical evaluation the paper disk method of determination of sensitivity of pathogenic microorganisms. Polski tygod. lek. 10 no.42:1361-1365 17 Oct 55.

1. Panstw. Zakl. Hig., Warszawa, Chocimska 24. (Z Zakładu Antybiotyków Państwowego Zakładu Higieny, kierownik: prof. dr. W. Kurylowicz i s II Kliniki Chirurgicznej A.M. w Warszawie; kierownik: prof. dr. J. Mossakowski).

(ANTIBIOTICS, resistance and sensitivity,  
bact., determ. with paper disk method.)

(BACTERIA, resistance and sensitivity,  
antibiotics, determ. with paper disk method.)

Gawenda-Dzierżyńska, Irena

Med ✓ A filter paper disk method for antibiotic sensitivity tests on bacteria. Irena Gawenda-Dzierżyńska and Jerzy Wasiewicz (Państwowy Zakład Hig., Warsaw). *Med. Doświadczalna i Mikrobiol.* 7, 79-88 (1958).—Disks (13 mm. diam.) were autoclaved and satd. with solns. of antibiotics to give identical inhibition zones with each of them: penicillin G (I), streptomycin, chloramphenicol, Aureomycin.HCl and Terramycin.HCl. The dried discs, stored in sterile jars at 4° were stable up to 6 months, except I which was stable for only 3 months. The bacteria were grown on 2% agar plates pH 7-7.3, contg. 1% glucose and 10% horse blood. The inoculated plates with disks on top were incubated 12-18 hrs. at 37° and the inhibition zones measured. There is precise correlation between the tube diln. method and the disk method; the latter is less precise, but is sufficiently accurate for clinical labs., and has the advantage of being simple and faster. I. Z. Roberts

3

**GAWENDA-DZIERZYNSKA, Irena; WACSIWICZ, Jerzy**

Determination of bacterial sensitivity to antibiotics with the aid of paper disks. Med. dosw. mikrob. 8 no.1:79-88 1956.

1. Zaklad Antybiotykowpanstwowego zakladu higieny.  
(ANTIBIOTICS, resistance and sensitivity,  
determ., paper disk technic. (Pol))

GAWFND-DZIERZYNSKA, Irena, TOWPIK, Jozef, MORRIS, Wanda, GUZIKOWSKA, Maria

Level and retention in the blood of domestic procaine penicillin.  
Polski tygod. lek. 13 no.16:591-596 21 Apr 58

1. (Z Zakladu Antybiotyków P.Z.H.; i z Instytutu Dermatologii i Wnerologii  
w Warszawie) Adres: Warszawa, ul. Chocimska 24. Zaklad Antybiotkov  
P.Z.H.

(PENICILLIN, rel. cpds.  
procaine penicillin, level & retention in blood (Pol)

OBOJSKA, Krystyna; GAWENDA-DZIERZYNSKA, Irena

A simple medium for biological determination of polymyxin B. Med.  
dosw.mikrob. 13 no.1:63-80 '61.

1. Z Pracowni Kontroli Antybiotyków Instytutu Leków w Warszawie  
Kierownik Pracowni: mgr Irena Gawenda-Dzierzyńska.

(ANTIBIOTICS chem)

POLAND

GAWIN, Adam

Academy of Mining and Metallurgy (Akademia Gorniczo-Hutnicza), Crakow

Warsaw, Acta Geophysica Polonica, No 1, Jan-Mar 1966, pp 15-22

"Description of an electromagnetic field generated by a cylindrical antenna in a bore-hole."



L 44105-66

ACC NR: AP6020365

SOURCE CODE: PO/0026/66/014/001/0015/0022

AUTHOR: Gawin, Adam

ORG: Academy of Mining and Metallurgy, Krakow (Akademia Gorniczo-Hutnicza)

TITLE: Determination of borehole electromagnetic fields excited by cylindrical antennas

SOURCE: Acta geophysica polonica, v. 14, no. 1, 1966, 15-22

TOPIC TAGS: inductive borehole logging, cylindric antenna, electromagnetic field generator, Maxwell equation

ABSTRACT: The paper deals with the theoretical aspects of inductive logging in a borehole, especially with the determination of the electromagnetic field excited in a borehole by a cylindric antenna. This approach simplifies obtaining the same solutions as those obtained by using more complex electromagnetic-field generating sources, such as dipoles or circular antennas. The whole set of Maxwell equations

L 44105-66

ACC NR: AP6020365

(external currents mainly) serves as a point of departure for the computations. It is assumed for the purpose of the investigation that the electromagnetic field excited by a cylindric generator is monochromatic, and that vectorially the current density passing through the feeding antenna has only one component. Computations lead to individual solutions which correspond to those obtained elsewhere, in which excitation is based on a solenoid or circular antenna; they form the basis for establishing general relationships, as in the case of heterogeneous media, or for other logging techniques, such as stabilization of the electromagnetic field. Interesting for practical purposes are the three log frequency curves in the paper, as they extend the range of borehole inductive-logging possibilities. Orig. art. has: 1 figure and 20 formulas. [DR]

SUB CODE: 09, 20/ SUBM DATE: 27 May 65/ ORIG REF: 001/ SOV REF: 001/  
OTH REF: 001/

Card 2/2 *LC*

GAWIN, B.

(HORYZONTY TECHNIKI, Vol. 6, No. 9, S pt. 1953, Warszawa, Poland)

"Behind the counter of a bookseller." p. 407

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, L.C., Vol. 3, No. 4, APRIL 1954

GAWIN, B.

"Errors and Defects in Technical Books," P. 144. (PRZEGLAD TECHNICZNY, Vol. 75, No. 4, Apr. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955 Uncl.

GAWIN, B.

For a proper policy in the field of geologic publications, p. 88. (PRZEGLAD  
GEOLOGICZNY, Warszawa, No. 2, Feb. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4, Jan. 1955,  
Uncl.

Gawin, C.

14 14  
Properties of chromium steel for carburizing of type 15H (GCI)  
S. Orzechowski and C. Gawin (Prace Inst. Metal. 1956, 8,  
117-154) - The requirements, particularly for yield strength, of  
the PN H 94029 standard for Cr steel for carburizing are excessive.  
Tempering at ~200°, following double hardening, is the opti-  
mal condition to secure high impact strength but does not affect  
elongation and reduction of area. The influences of the second  
hardening process on the properties of the steel and their correlation  
with structural changes are analyzed.

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2 1-PRB  
Met

PRB MK

18(5,7)

POL/39-59-4-9/14

AUTHOR: Goczal, J, Gawin, C and Chaj, A.

TITLE: News from the Iron Metallurgy Institute in Gliwice -  
the Teepol Reagent as a Means to Determine Granular  
Sizes in Steel

PERIODICAL: Hutnik, 1959, Nr 4, pp 167-172 (Poland)

ABSTRACT: The Polish trade name for the picric acid reagent known abroad as Teepol is Alkilo. Experiments carried out at the Institute in Gliwice showed that Teepol may be used in most cases and with most varieties of steel, this reagent may be used to reveal the granular structure of the metal. In the experiment, the time allowed for the reaction ranged from 5 to 12 minutes, depending on the concentration of the reagent and the type of steel tested. Reaction time can be shortened to 1 - 3 minutes, it was found, if the temperature of the experiment is raised to 55 C. After the reaction the metal surface was slightly polished before microscopic examination. There are 15 microphotographs, ✓

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POI/39-59-4-9/14

News from the Iron Metallurgy Institute in Gliwice - the Teepol  
Reagent as a Means to Determine Granular Sizes in Steel

2 tables and 2 references, 1 of which is French  
and 1 Polish



Card 2/2



S/276/63/000/002/011/052  
A052/A126

AUTHORS: Orzechowski, St., and Gavin, C.

TITLE: Austenite grain and temper brittleness of Cr-Ni steel in 250-400°C temperature range

PERIODICAL: Referativnyy zhurnal, Tekhnologiya mashinostroyeniya, no.2, 1963, 55, abstract 2B235 (Prace inst. hutn., v. 14, no. 3, 1962, 137-149, Polish; summaries in Russian and English)

TEXT: Cr-Ni steel and several grades of Cr-Mn steel with different Ti and Al additions were investigated. Hardening was carried out at different temperatures, thus changing the austenite grain size. Afterwards the investigated steels were tempered in the 200-500°C temperature range and as an exception at 600°C, after which the toughness at different temperatures was determined. Cr-Mn steels compared with Cr-Ni steels have a higher tendency to temper brittleness in the 200-400°C range. An Al addition has a positive effect on toughness (after tempering at 200 and 350°C) determined at low temperatures. The decrease of the tendency to temper brittleness in the 250-400°C range on adding Al is attributed partly to

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Austenite grain and temper...

S/276/63/000/002/011/052  
A052/A126

the inhibition of the grain growth and partly to the binding of nitrogen into Al nitride, which under certain conditions has a positive effect on toughness. There are 7 tables and 13 references.

T. Kislyakova

(Abstracter's note: Complete translation.)

Card 2/2

S/137/63/000/002/029/034  
A006/A101

AUTHORS: Orzechowski, St., Gawin, C.

TITLE: The austenite grain and temper brittleness in a range of 250 - 400°C

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 2, 1963, 66, abstract 21375  
("Prace inst. hutn.", 1962, v. 14, no. 3, 137 - 149, Polish; summaries in Russian and English)

TEXT: The authors investigated the effect of austenite grain size upon  $a_k$  of low-tempered chrome-manganese steels (about 0.2% C, 0.3% Si, 1% Mn, 1% Cr) with admixture of Ti (about 0.1%) and Al (0.4 kg/ton of steel) and Cr-Ni-steels. Literature data on the fact that Ti and Al eliminate temper brittleness of Cr-Mn steel in the 250 - 400°C range, were not confirmed. Ti and Al securing fine grains in the investigated steels, according to McQued (Mak-Kved) do not fully remove the proneness of these steels to temper brittleness, although they reduce somewhat same. The effect of the size of the actual austenite grain was not single-valued, although smaller grain size is no doubt more favorable. The investigated Cr-Ni steel, type 12KhN3, was half teemed without Al and half with

Card 1/3

S/137/63/000/002/029/034  
A006/A101

The austenite grain and...

addition of 1.2 kg Al per 1 ton of steel. The investigation was made for the purpose of determining the causes of the positive effect of Al in 12XH3 (12KhN3) steel at 350°C: 1) whether this is due to small grain size according to McQued, 2) small size of actual austenite grains or 3) whether the Al nitrides play a decisive part. Quenching was performed from various temperatures (825, 875, 925, 1,000°C in water) for the purpose of changing the size of actual austenite grains; tempering was carried out within a range of 200 - 500°C. It is shown that Al admixtures, refining the grain according to McQued, reduce the temperature of transition from brittle to ductile failure, but do not improve  $a_k$  of the steel in the critical temperature range and even somewhat impair same at lower temperatures. In the range over the critical grain refining according to McQued the effect upon  $a_k$  is not single-valued (either positive or negative). Changes in the size of actual austenite grains within a range of no. 8.5 - 1, have not a single-valued effect upon  $a_k$  of the steel in the critical temperature range, but exert a decisive effect in the range below the critical one. In such a manner, a reduction of the proneness to temper brittleness in the range of 250 - 400°C does not take place because Al admixtures refine the grains according to McQued but, on the contrary, the smaller grains according to McQued and a reduced prone-

Card 2/3

The austenite grain and...

S/137/63/000/002/029/034  
A006/A101

ness to temper brittleness are the results of the effect of the same process - i.e. binding of  $N_2$  or the presence of AlN separations. The investigated Cr-Mn steels even with admixtures of Al and Ti were more prone to temper brittleness in the 250 - 400°C range than 12KhN3 steel melted without any admixtures. There are 13 references.

G. Rymashevskiy

[Abstracter's note: Complete translation]

Card 3/3

GAWIN, C., mgr inz.; KAZIOR, Z., inz.

Modeling device for reproduction of the cooling course of large forgings. Biul inf inst metal zel no.2/1:18-20 '63.

1. Institute of Iron Metallurgy, Gliwice.

L 29948-66 ARG/EWP(c)/EWP(h)/FBD/FBO WW/JKT

ACC NR: AN5028952

(A)

SOURCE CODE: P0/9000/65/000/218/0002/0002

AUTHOR: Gawel, C

ORG: none

TITLE: Trends in the training of rocketeers

SOURCE: Zolnierz Wolnosci, no. 218, 1965, 2

TOPIC TAGS: rocket, ~~missile firing~~, ~~rocket engine~~, ~~training aid~~, training area, training equipment, training procedure, military training, ~~military personnel~~, military installation, *guided missile training*

ABSTRACT: The "Polygon" is a huge complex of buildings erected in the steppes. One site in the area is devoted to training rocketeers. Polish cavalrymen come to the "Polygon" to learn about changes in Soviet training methods and to exchange information. The training of Soviet rocketeers is effected by the following two methods: 1) audio-visual push-button exhibits of rocket operation accompanied by tape recorded commentary conducive to classroom instruction, and 2) sets of rocket operation simulators for self-study by individual trainees.

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L 29948-66

ACC NR:AN5028952

Preference is expressed for the second method because the individual sets are easy to operate and, unlike the first method, involve thinking on the part of the trainee.

SUB CODE: 05,19/ SUBM DATE: 15Sep65

Card 2/2 CC



25(1)

POL/35-59-15-6/20

AUTHORS: Gawin, Cyryl, Master of Engineering, and Goczał, Jan,  
Master of Engineering

TITLE: Alkilo - A New Reagent for Determination of the Size  
of Austenite in Steel

PERIODICAL: Przegląd Mechaniczny, 1959, Nr 15, pp 500-502 (POL)


ABSTRACT: The authors describe the properties of "alkilo", a  
new reagent for determination of the size of austenite  
grains in steel. The Instytut Metalurgii Żelaza (In-  
stitute of Iron Metallurgy) made tests with the re-  
agent known as "teepol" and the satisfactory results  
encouraged to produce a counter-part of teepol. The  
new reagent, known as "alkilo", contains picric acid  
and alkyl sulfonic acid. The tests were made with a  
water solution containing picric acid and 0, 0.5, 1, 1.5  
and 2% of alkilo. The tests were made on NC4 steel  
samples, hardened at the same temperature. The best  
results were obtained with the water solution contain-  
ing 1% of the alkilo.

Card 1/2

POL/35-59-15-6/20  
Alkilo - A New Reagent for Determination of the Size of Austenite  
in Steel

There are 7 photographs and 1 table.

ASSOCIATION: Instytut Metalurgii Żelaza, Gliwice (Institute of  
Iron Metallurgy, in Gliwice)



Card 2/2

FIRKOWSKI, Ryszard; GAWIN, Jerzy; JABLONSKI, Zdzislaw; JATCZAK, Jerzy;  
KARAKULA, Szczepan; ZAWADZKI, Aleksander

Distance measurements of the cores of extensive air showers  
from the center of detector systems by using the density  
gradient method. Nauki matematyczne przyrod Lodz no. 15: 113-125  
'63.

1. Katedra Fizyki Doswiadczalnej, Uniwersytet, Lodz.

GAWIN, Jerzy; HIBNER, Juliusz

Method of individually locating the axis of large atmospheric showers of cosmic radiation. Nauki matem przyrod Lodz no.17: 35-40 '64.

1. Department of Experimental Physics of the University, Lodz, and Lodz Branch of the Institute for Nuclear Research of the Polish Academy of Sciences.

HIBNER, J.; FIRKOWSKI, R.; GAWIN, J.; ZAWADZKI, A.

Correlated counts of muon and nucleon components, detectors  
in extensive air showers under a thick absorber. Acta physica  
Pol 25 no.1:101-116 Ja '64

1. Institute for Nuclear Research, High Energy Physics Depart-  
ment, Lodz.

GAWIN, S.

GAWIN, S. Exchange of grain for bread. p. 9. Vol. 7, no. 10, Oct. 1956.  
GOSPODARSTWA ZBOZOWA. Warszawa, Poland.

SOURCE: East European Accessions List (EEAL) Vol. 6. No. 4--April 1957

GAWINKOWSKI, J.

The sources of economy in the repair of locomotives. p. 74

(PRZEGLAD KOLEJOWY MECHANICZNY. Vol. 9, No. 3, Mar. 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) IC. Vol. 6, No. 10, October 1957. Uncl.

GAWINSKA, Wanda

Re-training of contagious tuberculous patients. Gruslica 24 no.  
8:889-891 Aug 56.

1. Z Poradni Rehabilitacyjnej Wojewodskiej Przychodni Przeciwgrusliczej  
w Lublinie. Dyrektor: dr. W. Kwit.  
(TUBERCULOSIS, PULMONARY, prev. and control  
in Poland, prev. of tuberc. spread by patients in  
rehabilitation)



GAWINSKA-OSTROWSKA, J.; ALICHNIEWICZ, A.

Congenital absence of the gallbladder. Polski tygod. lek. 9 no.17:  
524-526 26 Apr 54.

1. Z Kliniki Chorob Wewnętrznych A.M. w Łodzi, kierownik prof. dr  
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prof. dr J.Rutkowski.

(GALLBLADDER, abnormalities,  
agenesia)

(ABNORMALITIES,  
agenesia of gallbladder)

GAWINSKA-OSTROWSKA, Janina; ZELIGOWSKI, Henryk

~~LAURENCE-MOON-BARDET-BIEDL SYNDROME~~  
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J.Jakubowski.

(LAURENCE-MOON-BIEDL SYNDROME,  
case report)

ALICHNIEWICZ, Andrzej; CHWAT, Stefan; GAWINSKA-OSTROWSKA, J.

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    (STOMACH, neoplasms  
      polypi, diag. & pathol.)  
    (POLYPI  
      stomach, diag. & pathol.)

GAWIŃSKA-OSTROWSKA, J

EXCERPTA MEDICA Sec.14 Vol.12/4 Radiology April 58

743. CHOLANGIOGRAPHY AS A FUNCTIONAL TEST OF THE LIVER - Cholangiografia dożylna jako próba czynnościowa wątroby - Gawinśka-Ostrowska J. Zakł. Radiol. A. M., Łódź - POL. TYG. LEK. 1956, 11/52 (2202-2203)  
Graphs 1 Tables 1

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(IX, 6, 14)

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(Aminobromomethoxyacridine) (Tumors) (Aminoacridine)  
(Amino group) (Butyl group) Methyl group)

GAWLIK, C.

GAWLIK, C. Vibrators, modern equipment for driving piles into the ground. p. 418. GOSPODARKA WOLNA. Warszawa, Poland. Vol. 15, No. 10, Oct, 1955

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1371. GAWLIK Z. and MODRZEJEWSKA B. Zakł. Anat. patol. A. M., Warszaw. Klin. chir. Dziecięcej A. M., Warszaw. Siatkówezak płodowy barwnikowy. *Retinoblastoma pigmentosum* Patol. pol. 1955, 6/1 (51-60) Tables 1 Illus. 9

The literature is reviewed and a personal case is described which concerns a baby of 6 months. In the temporal part of the skull a tumour was located the size of a lemon. During the operation part of it was found to create a replica in the inner part of the bone. Immediately after the operation the baby died; the histological examination revealed retinoblastoma pigmentosum with cystic structure and therefore the authors propose the name: retinoblastoma pigmentosum alveolare in contradistinction to retinoblastoma simplex with typical cells 'en rosette'. The tendency towards destruction of the adjacent bone is stressed as a feature of malignancy.

Szinyt - Łódź

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(LABOR, anesth. & analgesia  
trichloroethylene (Pol))

(TRICHLOROETHYLENE, anesth. & analgesia  
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is adaptable to either mechanical or hand feeding. In practice it  
is possible to obtain 1.0 to 1.2 million kg.-cal./hr./m<sup>2</sup>. The  
slag is similar to that obtained by hand feeding. The excess of  
air is decreased, and therefore the furnace temperature is in-  
creased 80° to 100°C. Air required for the pneumatic arrange-  
ment is 8 to 10% of the total consumption. Air pressure in front  
of the nozzle need not be lower than 300 to 400 mm. w.g. The  
amount of electricity required is rather low; it does not exceed  
1 kw.-hr. per ton of coal. These figures can be used for medium  
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Orig Pub: Dnecker u Kondipor, 12, No 7, 12-14 (1958)  
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(SERUM GLOBULIN)  
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